Internes Aktenzeichen/Internal Reference: Le A 36 562

JC20 Rec'd PCT/PTO 01 JUL 2005

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PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference LEA36562-WO	FOR FURTHER ACTION	See Form PCT//PEA/416				
International application No. PCT/EP2004/000539	International filing date (day/monthly 23.01,2004	Priority date (day/month/year) 31.01.2003				
International Patent Classification (IPC) or national classification and IPC C12Q1/68						
Applicant BAYER HEALTHCARE AG et al.						
This report is the international p Authority under Article 35 and tr	reliminary examination report, estatensmitted to the applicant according	olished by this International Preliminary Examining g to Article 36.				
	l of 6 sheets, including this cover s	·				
This report is also accompanied						
	to the International Bureau) a total	of sheets, as follows:				
Cheets of the descrip	otion, claims and/or drawings which ining rectifications authorized by this	have been amended and are the basis of this report s Authority (see Rule 70.16 and Section 607 of the				
sheets which supers beyond the disclosu Supplemental Box.	sede earlier sheets, but which this A re in the international application as	authority considers contain an amendment that goes is filed, as indicated in item 4 of Box No. I and the				
sequence listing and/or t	I Bureau only) a total of (indicate typ ables related thereto, in computer r ce Listing (see Section 802 of the A	pe and number of electronic carrier(s)) , containing a eadable form only, as indicated in the Supplemental dministrative Instructions).				
4. This report contains indications	relating to the following items:					
☐ Box No. I Basis of the c	pinion					
☐ Box No. II Priority						
☐ Box No. III Non-establish	nment of opinion with regard to nove	elty, inventive step and industrial applicability				
☐ Box No. IV Lack of unity	of invention					
⊠ Box No. V Reasoned state applicability;	atement under Article 35(2) with reg citations and explanations supportir	pard to novelty, inventive step or industrial ng such statement				
☐ Box No. VI Certain docum	ments cited					
☐ Box No. VII Certain defec	ts in the international application	. *:				
Box No. VIII Certain obser	rvations on the international applica	ition				
	Date of a	completion of this report				
Date of submission of the demand	Date of C					
12.08.2004 19.01.2005						
Name and mailing address of the internal preliminary examining authority:	ional Authoriz	ed Officer				
European Patent Office D-80298 Munich	Seroz,	T .				
Tel. +49 89 2399 - 0 Tx: 52 Fax: +49 89 2399 - 4465	23656 epmu d	ne No. +49 89 2399-7789				

10/541468

JC20 Rec'd PCT/PTO 01 JUL 2005 International application No.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

PCT/EP2004/000539

	Bo	No. I Basis of the report
1.	Wit	n regard to the language , this report is based on the international application in the language in which it wall, unless otherwise indicated under this item.
•		This report is based on translations from the original language into the following language, which is the language of a translation furnished for the purposes of:
		 ☐ international search (under Rules 12.3 and 23.1(b)) ☐ publication of the international application (under Rule 12.4) ☐ international preliminary examination (under Rules 55.2 and/or 55.3)
2.	hav	n regard to the elements * of the international application, this report is based on (replacement sheets which the been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this out as "originally filed" and are not annexed to this report):
	Des	cription, Pages
	1-67	
	Clai	ms, Numbers
	1-16	as originally filed
	Ø	a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing
3.		The amendments have resulted in the cancellation of:
		the description, pages
		☐ the claims, Nos. ☐ the drawings, sheets/figs
		☐ the sequence listing (specify): ☐ any table(s) related to sequence listing (specify):
4.		This report has been established as if (some of) the amendments annexed to this report and listed below not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the oplemental Box (Rule 70.2(c)).
		☐ the description, pages ☐ the claims, Nos. ☐ the drawings, sheets/figs
		☐ the sequence listing (specify): ☐ any table(s) related to sequence listing (specify):
	*	If item 4 applies, some or all of these sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/EP2004/000539

		No. III Non-establishment o licability	f opii	nion with regard to novelty, inventive step and industrial				
1.	The obvi	questions whether the claimed ious), or to be industrially applica	inven able h	tion appears to be novel, to involve an inventive step (to be non- nave not been examined in respect of:				
		the entire international application,						
	Ø	claims Nos. 6, 8, 10-12						
		because:						
	\boxtimes	the said international application, or the said claims Nos. 11, 12 relate to the following subject matter which does not require an international preliminary examination (specify):						
		see separate sheet						
		the description, claims or drawi that no meaningful opinion cou	otion, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear eaningful opinion could be formed (specify): , or said claims Nos. are so inadequately supported by the description that no meaningful opinion ormed.					
		the claims, or said claims Nos. could be formed.						
	\boxtimes	no international search report h	nas b	een established for the said claims Nos. 6, 8, 10				
		the nucleotide and/or amino ac C of the Administrative Instruct	id se ions	quence listing does not comply with the standard provided for in Annex in that:				
		the written form		has not been furnished				
				does not comply with the standard				
		the computer readable form		has not been furnished				
				does not comply with the standard				
		the tables related to the nucleon not comply with the technical r	otide equir	and/or amino acid sequence listing, if in computer readable form only, do ements provided for in Annex C-bis of the Administrative Instructions.				
	\boxtimes	See separate sheet for further	deta	ils				

see separate sheet

_	Box	k No. IV	Lack of unity of inve	ention		
1.	 ☑ In response to the invitation to restrict or pay additional fees, the applicant has: ☐ restricted the claims. ☐ paid additional fees. ☐ paid additional fees under protest. ☒ neither restricted nor paid additional fees. 					
2.		This Aut Rule 68.	hority found that the re 1, not to invite the app	equirer olicant	nent of unity to restrict or p	of invention is not complied with and chose, according to pay additional fees.
3.	Thi:	s Authorit	y considers that the re	quiren	nent of unity o	of invention in accordance with Rules 13.1, 13.2 and 13.3
		complied	d with.		•	
	\boxtimes	not com	plied with for the follow	ving re	asons:	
		see sep	arate sheet			
4.	Cor	nsequentl	y, this report has beer	estab	lished in resp	pect of the following parts of the international application:
		all parts.				
	⊠	the parts	s relating to claims No	s. 1 <i>-</i> 5,	7, 9, 11-16 (all partially) .
	Bo.	x No. V	Reasoned statements; citations and expla	nt und inatio	er Article 35 ns supportin	(2) with regard to novelty, inventive step or industrial g such statement
1.	Sta	itement				
	·No	velty (N)		Yes: No:	Claims Claims	1-5, 7, 9, 11-16
	Inv	entive ste	p (IS)	Yes: No:	Claims Claims	1-5, 7, 9, 11-16
	Ind	ustrial ap	plicability (IA)	Yes: No:	Claims Claims	1-5, 7, 9, 13-16
2.	Cit	ations and	d explanations (Rule 7	0.7):		

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/EP2004/000539

Suppl	emental Box relating to Sequence Listing
Continua	tion of Box I, item 2:
With reces	egard to any nucleotide and/or amino acid sequence disclosed in the international application and sary to the claimed invention, this report has been established on the basis of:
a. type	e of material:
Ø	a sequence listing
	table(s) related to the sequence listing
b. forn	nat of material:
\boxtimes	in written format
\boxtimes	in computer readable form
c. time	of filing/furnishing:
	contained in the international application as filed
×	filed together with the international application in computer readable form
	furnished subsequently to this Authority for the purposes of search and/or examination
	received by this Authority as an amendment on
th ac	addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating ereto has been filed or furnished, the required statements that the information in the subsequent or dditional copies is identical to that in the application as filed or does not go beyond the application as filed, appropriate, were furnished.
3. Additio	onal observations, if necessary:
see se	eparate sheet

PCT/EP2004/000539

Additional remarks to item I

This first written opinion was established on the application documents as filed and the written sequence listing pages 1-177, SEQ ID No 1 to SEQ ID No 292.

Additional remarks to item III

According to Rule 66.1(e) PCT claims relating to inventions in respect of which no international search report has been established need not to be the subject of international preliminary examination.

As a consequence, this preliminary written opinion is established for claims 1-5, 7, 9, 11-16 (all partially).

As far as claims 11 and 12 concern diagnostic methods of an human body, they relate to a subject-matter considered by this authority to be covered by the provisions of Rule 67.1(iv) PCT. Consequently, no opinion will be formulated with respect to the industrial applicability of the subject-matter of these claims (Article 34(4)(a)(i) PCT).

Additional remarks to item IV

The objection as lack of unity raised in the international search report (ISR) is maintained. The reasons for the objection are the same as those indicated in the ISR. As the Applicant has not had a search report drawn up on inventions 2-292 (Rule 66.2 PCT), the application will be prosecuted on the basis of the invention in respect of which a search has already been carried out, in the present case, invention 1.

Additional remarks to item V

Although the closest prior art Hwang DM et al., 1997 relates to genes involved in cardiovascular diseases, it does neither describe the polynucleotide sequence as set forth in SEQ ID No 1 nor suggest the use of such a polynucleotide for determining whether a human subject is at risk of developing a cardiovascular disease or for determining a patient's individual response to statin therapy.

Thus, in view of the prior art documents cited in the International Search Report, it seems that claims 1-5, 7, 9, 11-16 are novel and inventive (Article 33(2)(3) PCT). In addition, claims 1-5, 7, 9, 13-16 are susceptible of industrial application (Article 33(4) PCT.

0	For receiving Office use only	
0-1	International Application No.	*
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
-		· · · · · · · · · · · · · · · · · · ·
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92
		(updated 01.11.2003)
0-5	Petition	
	The undersigned requests that the	
	present international application be	
	processed according to the Patent Cooperation Treaty	
ò-e	Receiving Office (specified by the applicant)	European Patent Office (EPO) (RO/EP)
0-7	Applicant's or agent's file reference	LEA36562-WO
1	Title of invention	SINGLE NUCLEOTIDE POLYMORPHISMS AS
		PREDICTIVE DIAGNOSTICS FOR ADVERSE DRUG
		REACTIONS (ADR) AND DRUG EFFICACY
		INTEGRATION (UNIV) WIN DEAG BELICACT
II	Applicant	ALLACTIONS (ADA) AND DAUG EFFICACI
il Ii-1	Applicant This person is:	
		applicant only
Ii-1	This person is:	
II-1 II-2	This person is: Applicant for	applicant only all designated States except US
II-1 II-2 II-4	This person is: Applicant for Name	applicant only all designated States except US BAYER HEALTHCARE AG
II-1 II-2 II-4	This person is: Applicant for Name	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen
II-1 II-2 II-4 II-5	This person is: Applicant for Name Address:	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany
II-1 II-2 II-4 II-5	This person is: Applicant for Name Address: State of nationality	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE
II-1 II-2 II-4 II-5	This person is: Applicant for Name Address: State of nationality State of residence	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE
II-1 II-2 II-4 II-5 II-6 II-7	This person is: Applicant for Name Address: State of nationality State of residence Telephone No.	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE DE 0214 30 61455
II-1 II-2 II-4 II-5 II-6 II-7 II-8	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No.	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482
	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No. Applicant and/or inventor	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482 applicant and inventor
	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No. Applicant and/or inventor This person is:	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482 applicant and inventor US only
-1 -2 -4 -5 -6 -7 -8 -9 -1 -1-1	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No. Applicant and/or inventor This person is: Applicant for	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482 applicant and inventor US only STROPP, Udo
	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No. Applicant and/or inventor This person is: Applicant for Name (LAST, First)	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482 applicant and inventor US only
	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No. Applicant and/or inventor This person is: Applicant for Name (LAST, First)	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482 applicant and inventor US only STROPP, Udo Suitbertusweg 8
	This person is: Applicant for Name Address: State of nationality State of residence Telephone No. Facsimile No. Applicant and/or inventor This person is: Applicant for Name (LAST, First)	applicant only all designated States except US BAYER HEALTHCARE AG D-51368 Leverkusen Germany DE DE 0214 30 61455 0214 30 53482 applicant and inventor US only STROPP, Udo Suitbertusweg 8 D-42781 Haan

111-2	Applicant and/or inventor				
III-2-1	This person is:	applicant and inventor			
111-2-2	Applicant for	US only			
111-2-4	Name (LAST, First)	SCHWERS, Stephan			
III-2-5	Address:	Düsseldorferstr. 35			
		D-51145 Köln			
		Germany			
111-2-6	State of nationality	DE			
111-2-7	State of residence	DE			
111-3	Applicant and/or inventor				
III-3-1	This person is:	applicant and inventor			
111-3-2	Applicant for	US only			
111-3-4	Name (LAST, First)	KALLABIS, Harald			
111-3-5	Address:	Wolfskaul 8			
		D-51061 Köln			
		Germany			
111-3-6	State of nationality	DE			
111-3-7	State of residence	DE			
IV-1	Agent or common representative; or address for correspondence				
	The person identified below is	common representative			
•	hereby/has been appointed to act on				
	behalf of the applicant(s) before the competent International Authorities as:				
IV-1-1.	Name	BAYER HEALTHCARE AG			
IV-1-2	Address:	Law & Patents			
•		Patents and Licensing			
		D-51368 Leverkusen			
		Germany			
IV-1-3	Telephone No.	0214 30 71166			
IV-1-4	Facsimile No.	0214 30 53482			

Contracting State of the Harare Protocol and of the PCT	V	Designation of States	
perenheses after the designation(s) concerned) Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH6LI CY CZ DE DK EE ES F. FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT V-2 National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-3 National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-4 Potential State of OAPI and a Contracting State of the PCT on the date of filling. V-5 Precautionary Designation Statement of the protocol of the period of state(s) indicated under items V-1, V-2 and V-3, the applicant designation save subject to confirmation and that any designation which is not confirmed be	V-1	(other kinds of protection or treatment,	AP: BW GH GM KE LS MW MZ SD SL SZ TZ UG
EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH6LI CY CZ DE DK EE ES F. FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which a member State of OAPI and a Contracting State of the PCT National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH6LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID LIL IN IS JP KE KG KP KR KZ LC LK LR IS LT LU LV MA MD MG MK MN MW MX MZ MN NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-3 National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-4 Protection of the time firmit. No NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW And all countries which acceded to the permitted under the PCT except any designations) of the State(s) indicated under item V-1 below. The applicant declares that those additional designations of that time firmit. V-6 Exclusion(s) from precautionary designations or expiration of that time firmit. V-7 Protrivg claim of earlier regional application application or application or application or application or application or the strength of the expiration of that time firmit. NONE Exclusion(s) from precautionary designations application or expiration of the time firmit. NONE Exclusion(s) from precautionary designations application or expiration of the time firmit. NONE Exclusi		•	Contracting State of the Harare Protocol
other State which is a Contracting Stato of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES F. FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MNE SN TD TG and any other State which a member State of OAPI and a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MNE SN TD TG and any other State which a member State of OAPI and a Contracting State of the PCT AE AG AL AM AT AU AZ BA BB BG BR BW BY CA CHELI CN CO CR CU CZ DE DK DM DZ CO CRED CONCERNO CONCE		concerned)	and of the PCT
of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES.F. FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of DAPI and a Contractin State of the PCT (National Patent (idner kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) VI (Lin II) SJP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW And all countries which acceded to the permitted under the PCT except any designations which would be permitted under the PCT except any designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant declares which row to be regarded as withdrawn by the applicant at the expiration of that time limit. VI-1 Priority claim of earlier regional application VI-1-1 Fing date 31 January 2003 (31.01.2003) 03002212.3			EA: AM AZ BY KG KZ MD RU TJ TM and any
the PCT EP: AT BE BG CH&LI CY CZ DE DK EE ES F. FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Pater Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which: a member State of OAPI and a Contracting State of the PCT V-2 National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) TABLE AND AT AU AZ BA BB BG BR BW BY CA CHELI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LS LY LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW And all countries which acceded to the PCT on the date of filling. V-3 Precautionary Designation Statement in addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4-9(b) all designations which would be permitted under the PCT except any designations are subject to confirmation and that any designation of 15 months from the priciny date is to be regarded as withdrawn by the applicant also makes under Rule 4-9(b) and the solution of the solution of 15 months from the priciny date is to be regarded as withdrawn by the applicant at the expiration of that time limit. V-6 Exclusion(s) from precautionary designations. VI-11 Filing date VI-12 Number NONE			
EP: AT BE BG CH&LI CY CZ DE DK EE ES F. FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Pater Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT AE AC AL AM AT AU AZ BA BB BG BR BW BY GOOD CONCERNED			\$
FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Pater Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which a member State of OAPI and a Contracting State of the PCT V-2 National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which a member State of OAPI and a Contracting State of the PCT AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CHGLI CN CO CR CU CZ DE DK DM DZ IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW V-3 National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-5 Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designations are subject to confirmation and that any designation of 15 months from the priority date is to be regarded as withdrawn by the applicant declares that those additional designations are busilect to confirmation and that any designation of 15 months from the priority date is to be regarded as withdrawn by the applicant declares that the expiration of that time limit. V-6 Exclusion(s) from precautionary designations Filing date 31 January 2003 (31.01.2003)			
Contracting State of the European Pater Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML M NE SN TD TG and any other State which a member State of OAPI and a Contracting State of the PCT V-2 National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) Concerned) V-3 National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-3 National Patent (States which have become party to the PCT after the issuance of this version of EASY) V-5 Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation of the State(s) indicated under item V-6 below. The applicant declares that those additional designations which would be regarded as withdrawn by the applicant at the expiration of that time limit. V-6 Exclusion(s) from precautionary designation of the expiration of that ime limit. V-6 Exclusion(s) from precautionary designation of the immilemit. V-7 Filing date 31 January 2003 (31.01.2003)			
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application		designations	NONE
VI-1-1 Filing date 31 January 2003 (31.01.2003) VI-1-2 Number 03002212.3	VI-1		
0300222.3	VI-1-1	1 7 7	31 January 2003 (31.01.2003)
VI-1-3 Regional Office		Number	03002212.3
EF	VI-1-3	Regional Office	EP

VI-2	Priority claim of earlier regional application		
VI-2-1	Filing date	03 February 2003 (03	02 2003)
VI-2-2	Number	03002153.9	. 02 . 2 0 0 3 /
VI-2-3	Regional Office	EP	
VI-3	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1, VI-2	· .
VII-1	International Searching Authority Chosen	European Patent Offic	ce (EPO) (ISA/EP)
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	_	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	_	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	5	-
IX-2	Description (excluding sequence listing part)	167	- "
IX-3	Claims	4	-
IX-4	Abstract	1	EZABSTOO.TXT
IX-5	Drawings	0	-
IX-7a	Sub-total number of sheets	177	
IX-6	Sequence listing part of description	177	-
IX-7	TOTAL	354	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	√	-
IX-9	Original separate power of attorney		-
IX-16	Sequence listing in computer readable form:		
IX-16 -(i)	copy submitted for the purposes of international search under Rule 13ter only (and not as part of the international application)	-	1 Diskette
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the	English	

X-1	Signature of applicant, agent or common representative	ppa De a	19/1/
X-1-1	Name (LAST, First)	BAYER HEALTHCARE AG	- vale

ppa. Dr. Frank Burkert i. V. Dr. Karsten Schmidt FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application					
10-2	Drawings:					
10-2-1	Received					
10-2-2	Not received]			•	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application					
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)		4			
10-5	International Searching Authority	ISA/EP		···	 	
10-6	Transmittal of search copy delayed until search fee is paid		· · · · · · · · · · · · · · · · · · ·		·	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	